

**PATENT COOPERATION TREATY**  
**PCT**  
**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**  
(Chapter II of the Patent Cooperation Treaty)  
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference <b>P12861/OLL</b>	<b>FOR FURTHER ACTION</b> See Form PCT/IPEA/416																									
International application No. <b>PCT/SE2003/000902</b>	International filing date (day/month/year) <b>04.06.2003</b>	Priority date (day/month/year) <b>04.06.2002</b>																								
International Patent Classification (IPC) or national classification and IPC <b>E05B 73/00</b>																										
Applicant <b>MW Security AB et al</b>																										
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of <u>3</u> sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 2px;"><input checked="" type="checkbox"/></td> <td style="width: 10%; padding: 2px;">Box No. I</td> <td style="width: 80%; padding: 2px;">Basis of the report</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. II</td> <td style="padding: 2px;">Priority</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. III</td> <td style="padding: 2px;">Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. IV</td> <td style="padding: 2px;">Lack of unity of invention</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/></td> <td style="padding: 2px;">Box No. V</td> <td style="padding: 2px;">Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. VI</td> <td style="padding: 2px;">Certain documents cited</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. VII</td> <td style="padding: 2px;">Certain defects in the international application</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/></td> <td style="padding: 2px;">Box No. VIII</td> <td style="padding: 2px;">Certain observations on the international application</td> </tr> </table>			<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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Date of submission of the demand <b>08.12.2003</b>	Date of completion of this report <b>12.03.2004</b>
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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/000902

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

This report is based on a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:

international search (under Rules 12.3 and 23.1(b))

publication of the international application (under Rule 12.4)

international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):

the international application as originally filed/furnished

the description:

pages 1 - 8 as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the claims:

pages \_\_\_\_\_ as originally filed/furnished

pages\* \_\_\_\_\_ as amended (together with any statement) under Article 19

pages\* 1 - 3 received by this Authority on 08.12.2003

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the drawings:

pages 1 - 5 as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

a sequence listing and/or any related table(s) -- see Supplemental Box Relating to Sequence Listing.

3.  The amendments have resulted in the cancellation of:

the description, pages \_\_\_\_\_

the claims, Nos. \_\_\_\_\_

the drawings, sheets/figs \_\_\_\_\_

the sequence listing (specify): \_\_\_\_\_

any table(s) related to the sequence listing (specify): \_\_\_\_\_

4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages \_\_\_\_\_

the claims, Nos. \_\_\_\_\_

the drawings, sheets/figs \_\_\_\_\_

the sequence listing (specify): \_\_\_\_\_

any table(s) related to the sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/000902

**Box No. V** **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

Novelty (N)	Claims	<u>1-11</u>	YES
	Claims	_____	NO
Inventive step (IS)	Claims	<u>1-11</u>	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	<u>1-11</u>	YES
	Claims	_____	NO

## 2. Citations and explanations (Rule 70.7)

From WO 0075469 is known an anti-theft device of the kind stated in the preambles of claims 1 and 11. The known device lacks a first part comprising a first plane surface and, perpendicular to said first plane surface, an end wall at which the lock slide is displaceable in a plane parallel to the end wall, and a second part comprising a second plane surface, which in a closed position for the container is parallel to the first plane surface, and a flange which in a closed position for the container is arranged parallel to the lock slide as stated in the characterizing parts of the claims.

This arrangement is believed to enhance the ability of the device to withstand unauthorized opening attempts.

Such constructional features in combination with a locking device of the kind stated in the claims is not suggested in the documents cited in the ISR.

As the anti-theft devices in claims 1 and 11 are new, are regarded to contain an inventive step, and also are industrially applicable, the patentability criteria are deemed to be met.

CLAIMS

1. Anti-theft device for displaying goods in shops and department stores, comprising a container formed by a first 5 part and a second part (10, 11) hinged together, a lock slide (15, 15') inside said first part, which includes at least one projection (20) and can be displaced manually between an engaged position in which the projection engages said second part to lock the parts together in a closed position of the 10 container, and a disengaged position allowing opening of the container, a latch mechanism (26, 37) for latching the lock slide in the engaged position, which can be actuated by means of a special tool to unlatch the lock slide and allow displacement thereof to the disengaged position, and an 15 element for wireless activation of an alarm if the anti-theft device is carried through an exit of the shop or the department store, **characterized** in that

    said first part comprises a first plane surface and, perpendicular to said first plane surface, an end wall 20 (12) at which said lock slide (15) is displaceable in a plane parallel to said end wall,

    said second part comprises a second plane surface, which in a closed position for the container is parallel to the first plane surface, and, perpendicular to said second 25 plane surface, a flange (22) which in a closed position for the container is arranged parallel to said lock slide,

    where said flange, forms at least one L-shaped slot, a first limb (23A) of which is perpendicular to a free edge of the flange and opens in said edge to receive the 30 projection therein at closing of the container with the lock slide in the disengaged position, and a second limb (23B) of which extends transversely of said first limb to receive the projection when the lock slide is displaced to the engaged position.

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2. Anti-theft device according to claim 1 wherein the lock slide (15) includes several projections (20) and the flange (22) forms a corresponding number of L-shaped slots said first limbs (23A) having the same spacing as the

projections.

3. The anti-theft device of claim 1 or 2 wherein the projections (20) connect a flat surface of the lock slide 5 (15) with a flat surface of a rail (19) extending along the lock slide the flat surfaces being mutually spaced, and wherein the flange (22) on said second part (11) is received in the space between the flat surfaces when the container is closed.

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4. Anti-theft device according to any of claims 1 to 3 wherein the latch means comprises a spring tongue (26;37) which is biased by spring action to engaged position but can be actuated to disengaged position by attraction to a magnet 15 functioning as the special tool.

5. Anti-theft device according to claim 4 wherein the spring tongue (26) is integral with a plate (25) received by a depression (24) in an inside surface (13) of the box (10), 20 facing the lock slide (15).

6. Anti-theft device according to claim 5 wherein the lock slide (15) forms a shoulder (28) the spring tongue (26) engaging the shoulder in the engaged position of the 15 latch 25 means.

7. Anti-theft device according to claim 4 wherein the spring tongue (37) is fixedly attached at one end thereof and forms an angled flap (38) at the other end which in the 30 engaged position of the latch mechanism engages an aperture (40) in the flange (22).

8. Anti-theft device according to claim 7 wherein the spring tongue (37) is enclosed by a housing (35) connected 35 with the lock slide (15) and projecting from said first part (10) of the container to form a finger-grip available on the outside of the container for manual displacement of the lock slide.

09-12-2003

9. Anti-theft device according to any of claims 1 to 8 wherein a hinge interconnecting said first and second parts (10, 11) of the container comprises a pin (31) and sockets (29, 30) on said parts, receiving the pin which can be 5 withdrawn from the sockets to separate the parts for exchange of one or the other of the parts.

10. Anti-theft device according to claim 9 wherein a hanger (33) for suspension of the anti-theft device in a rack 10 forms forked projections (34) which are engaged with exposed portions of the pin (31).

11. Anti-theft device for displaying goods in shops and department stores, comprising a container formed by a first 15 part and a second part (10, 11) hinged together; a lock slide (15, 15') inside said first part, which lock slide includes at least one projection (20); a flange (22) extending from an edge of said second part, said flange forming at least one L-shaped slot; where said lock slide is manually displaceable 20 between an engaged position in which said projection engages said L-shaped slot to lock the parts together in a closed position of the container, and a disengaged position allowing opening of the container; and a latch mechanism (26, 37) for latching the lock slide in the engaged position, 25 characterized in that said first part comprises a first plane surface and an end wall (12) perpendicular to said first plane surface, at which end wall said lock slide is displaceable in a plane parallel to said end wall, where said second part comprises a second plane surface; which in a 30 closed position for the container is parallel to the first plane surface, and wherein said flange extends perpendicular to said second plane surface and is arranged parallel to said lock slide in said closed position for the container.